

PAT-NO: JP407300724A

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TITLE: SHEATH-CORE TYPE CONJUGATE FIBER,  
ITS PRODUCTION AND  
DYED CONJUGATE FIBER

PUBN-DATE: November 14, 1995

INVENTOR-INFORMATION:  
NAME  
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*PA sheath  
PET core-dyed  
good light resist.  
wash fast.  
wear fastness*

ASSIGNEE-INFORMATION:  
NAME  
TORAY IND INC

COUNTRY  
N/A

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INT-CL (IPC): D01F008/14, D01D005/084 , D01D005/34 ,  
D01F008/12 , D06P003/82  
, D01F006/84

ABSTRACT:

PURPOSE: To obtain a dyed sheath-core type conjugate fiber excellent in color developability, light resistance, resistance to washing and wear fastness, good in resin finishability and split resistance between sheath and core, and high in durability.

CONSTITUTION: This sheath-core type conjugate fiber is made up of sheath consisting of a polyamide and 20-60wt.% of core consisting of a copolyester

composition comprising 0.1-5wt.% of sodium  
5-sulfoisophthalate and a  
copolyester copolymerized with 1.0-10mol% of a sulfonated  
aromatic dicarboxylic  
acid. The other objective dyed fiber is obtained by dyeing  
the core of the  
above conjugate fiber with a cationic dye.

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